



STW 1751

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Mark A. Hixon

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

ULRIKE SCHULZ, NORBERT KAISER,
PETER MUNZERT, MICHAEL SCHELER
and HEIN UHLIG

Group Art Unit 1751

Application No. 10/525,444

Filed: February 24, 2005

Examiner:

For: METHOD FOR PRODUCING
BOUNDARY SURFACE
REFLECTION OF PLASTIC
SUBSTRATES AND SUBSTRATE
MODIFIED IN SUCH A MANNER
AND USE THEREOF

Attorney Docket 1-16931

July 26, 2006

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Honorable Sir:

Pursuant to Section 1.97 of Title 37 of the Code of Federal Regulations, and
prior to the issuance of a first office action, record is hereby made of information the
United States Patent and Trademark Office may wish to consider during examination of

the above-entitled application. No representation is made or intended that a prior art search was conducted, or that no better art than that listed is available.

As this Information Disclosure Statement is being submitted prior to a first Office Action on the merits, it is respectfully submitted that no fee is required for consideration of this IDS.

The following patent documents were all cited in the International Search Report of the corresponding International Application:

Patent Abstracts of Japan, Vol. 017, No. 338; JP 05 045503 A

Patent Abstract of Japan Vol. 016, No. 516; JP 04191701 A

DE 199 46 252 A

US 4,374,158 A

A copy of the Search Report, which is in the English language and serves as a statement of relevance for any non-English references above, is attached hereto for the Examiner's convenience.

The following foreign patent documents are referenced on page 1 of the specification of the present application, which serves as a statement of relevance for these documents.

DE 43 25 011

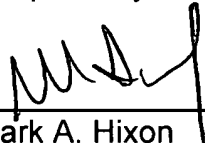
US 6,177,131

WO 97/48992 and

EP 698 798 (corresponds to CA 2 157 070)

Copies of the above-noted foreign documents are enclosed herewith, along with Forms PTO/SB/08A and SB/08B. It is requested that they be fully considered and made of record in this case.

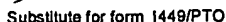
Respectfully submitted,



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(Use as many sheets as necessary)

Sheet 1 of 3

Application Number	10/525,444
Filing Date	February 24, 2005
First Named Inventor	Schulz
Art Unit	1751
Examiner Name	
Attorney Docket Number	1-16931

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP 05-045503 A	02-23-1993	Tomohito et al		x
		JP 04-191701 A	07-10-1992	Akifumi et al		
		DE 199 46 252 A1	04-05-2001	Katzenberg		
		DE 43 25 011 A1	03-02-1995	Herlitz		
		WO 97/49992 A1	12-24-1997	Chen et al		
		EP 0 698 798 A2	02-28-1996	Zueltzke et al	corrsp CA 2157070	

**Examiner
Signature**

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	2	of	3
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Complete if Known

Application Number	10/525,444
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Attorney Docket Number	1-16931

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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Art Unit		1751	
Examiner Name			
Sheet	3	of	3
Attorney Docket Number		1-16931	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		GOMBERT, A; GLAUBITT, W; ROSE, K; DREIBHOLZ, J.; BLASI, B.; HEINZEL, A.; SPORN, D.; DOELL, W.; WITTEW, V.; Subwavelength-structured antireflective surfaces on glass: Thin Solid Films 351, 1999, pages 73-78, Fraunhofer Institute for Solar Energy Systems ISE, Freiburg, Germany.	x
		BRUNDRETT, David L.; GLYTSIS, Elias N.; GAYLORD, Thomas K.; Homogeneous layer models for high-spatial-frequency dielectric surface-relief gratings: conical diffraction and antireflection designs; Applied Optics, May 1, 1994, Vol. 33, No. 13, pages 2695-2706; 1994 Optical Society of America.	x

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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